Work Ord Wednesday, O		7 45 1 2:35:22 PM						
Item ID: Revision ID:	D3183-041			Accept		Setup	Stai	
Item Name:	Bracket Asse	mbly					Sto	
Start Date: Required Date	10/5/2011 e: 10/5/2011	Start Qty: 1.00 Req'd Qty: 1.00			Cust Item ID: Customer:			
Reference:					,			
Approvals:	Process Pl	an: /////	Date: 1-10-2	Tooling:	Date:	Run	Sta	
	QC:		Date:	SPC (Y/N):	Date:		Sto	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3183	Rev C1								
	BAND SAW	0.00	^ /		<i>></i>	1			
Bandsaw	Memo	0.00	\sim	1	/				
Jeaspa Bandsaw	Cut blanks: (1	500" x 2.000") 4.300" long	1	W		/ U '			

110

HAAS I

HAAS CNC VERTICAL MACHINING #1

HAAS CNC vertical machine #1

0.00 Memo 1-Machine D3183-1 as per Folio FA320 and Dwg D3183□Identify as D3183-1□2-Deburr□3-Scribe batch number

120

QC2- Inspect parts off machine FAI/FAIB

Memo

Quality Control

Page 1



0.00

0.00

0.00

Dart Aerospace Ltd

W/O:			W	ORK ORDER CHAN	GES				
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								·	
									
Part No	•	PAR #:	Fault Category: N			s No DO	Date:		
	R	esolution:	Dispositi	on:	QA: N/C	Closed: _		Date: _	
NCR:			WORK OR	DER NON-CONFORM	IANCE (NO	CR)			
DATE	STEP	Description of NC	Initial	Corrective Action Se Action Description	ection B	_ 0 1	ication	Approval	Approval
		Section A	Chief Eng	Chief Eng	Da		tion C	Chief Eng	QC inspector
		·						·	
						1		4	

W órk Ord e Wednesday, Oct												Page 2
Item ID: Revision ID: Item Name:	D3183-041 Bracket Assem	hlv		Accept					Setup	Start Stop	118831181 818	
Start Date: Required Date: Reference:	10/5/2011	Start Qty: 1.00 Req'd Qty: 1.00			Cust Item I Customer:	D:						
Approvals:	Process Pla		Date:	Tooling:		ate:			Run	Start Stop		
Sequence ID/ Work Center II 130 QC Quality Control	D	Operation Description QC8- Inspect parts - second Memo	nd check	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accept Qty	Rej Qty	ect	Reject Number	Insp. Stamp
140 Small Fab Small Fab		Small Fab Memo Assemble D	3183-041 as per Dwg D318	0.00	•		/	<i>\\</i>	54	/10	107	



QC5- Inspect part completeness to step on W/O

150

Quality Control

Memo

0.00 8 wholog

Dart Aerospace Ltd

	12								
W/O:			WO	RK ORDER CHANGES					
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
•									
				S					
Part No	:	PAR #:	Fault Cate	gory: I	NCR: Yes	No DQ	A :	_ Date: _	·
Resolution:			Disposition	A: N/C CI					
NCR:		•	WORK ORDI	ER NON-CONFORMAN	CE (NCF	()			
D.4.T.E	OTED	Description of NC	<u> </u>	Corrective Action Section E		Verific	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Secti		Chief Eng	QC Inspector
·									
								·	

Wörk Order ID 74745

Page 3

Wednesday, October 05, 2011 2:35:23 PM

Item ID:

D3183-041

Accept



Setup Start



Revision ID:

Item Name:

Bracket Assembly

Start Date:

Required Date: 10/5/2011

10/5/2011

Start Qty: 1.00

Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date: _____

Run

Start

Stop



QC:

Date: SPC (Y/N): Date:

Stop



Sequence ID/ Work Center ID

Operation Description

Identify as per dwg & Stock Location: \$ 30 0.00

Set Up/ **Run Hours**

Tool ID

Tool # Plan

Code

Accept Qty

Reject

Reject Number

Insp. Stamp

160

Packaging

Memo

0.00

SQ11-10-7.

Qty

Packaging

170

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

11/10/4 =

U (1.1007

Dart Aerospace Ltd

W/O:	-		W	ORK OR	DER CHANG	ES	·				
DATE	STEP	PROC	EDURE CH	ANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			,		· · · · · · · · · · · · · · · · · · ·						
`										·	
Part No	:	PAR #:	_ Fault Ca	tegory:		_ NCI	R: Yes	No DQ/	A:	Date: _	
	R	esolution:	_ Disposit	ion:		_ QA:	NC CI	osed:	· _	Date: _	
NCR:		W	ORK OR	DER NON	I-CONFORMA	ANCE	(NCF)			
DATE	STEP	Description of NC Section A	Initial	Correctiv Acti	e Action Section On Description Chief Eng	on B	Sign &	Verific Section		Approval Chief Eng	Approval QC Inspector
			Chief Eng				l Date	1		1	
		•	Chief Eng		Criler Eng		Date				
			Chief Eng		Criter Eng		Date		7		
			Chief Eng		Criter Eng	•	Date				
			Chief Eng		Criter Eng	1.	Date				
			Chief Eng		Criter Eng		Date				
			Chief Eng		Criter Eng	1.	Date				

Picklist Print

Wednesday, October 05, 2011 2:35:16 PM

Work Order ID: 74745

D3183-041

Parent Item Name:

Bracket Assembly



Start Date: 10/5/2011

Required Date: 10/5/2011

Page 1

Start Qty: 1.00

Required Qty: 1.00

_				
Co	m	me	ní	ŀe•

Parent Item:

IPP Rev-Pick-A = 04 02 18 = New issue = K I/DS =

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
03183-1 		Manufactured	No				Each	1.0000		£	4/0/07	7	
A. C				Location MEZZ	21893	Loc	<u>Oty</u> 1	Loc Code	_		- -		o i
03183-045		Manufactured	No		21073	100	Each	14:0000	2	2	- 4/10/0	7	
		1		ST236	73796 74081	<u>Loc (</u>	2 2 12	Loc Code	- - -	2	- - -	٠.	
53121-21 		Manufactured	No		, , , , , ,	140	Each	3.0000	2	2/	Su/10)	107	
				Location ST235	66969 	Loc	2ty 3 3	Loc Code	<i>-</i>	E	- <u>2</u>	B 79	1540 D

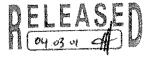
Dart Aerospace	Ltd
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Dail Aci	ochacc								
W/O:			WO	RK ORDER CHANGE	ES				
DATE	STEP	PRO	CEDURE CHAN	IGE	Ву	Date (Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			. •						
Part No	:	PAR #:	Fault Categ	ory:	NCR: Yes	No DQA:		Date: _	· · · · · · · · · · · · · · · · · · ·
	R	esolution:	Disposition	:	QA: N/C Clo	sed:		Date: _	
NCR:		V	VORK ORDE	R NON-CONFORMA	NCE (NCR)			
	<u> </u>	Description of NC	Corrective Acti		on B Verification			Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section		Chief Eng	QC Inspector
	-								
							-		





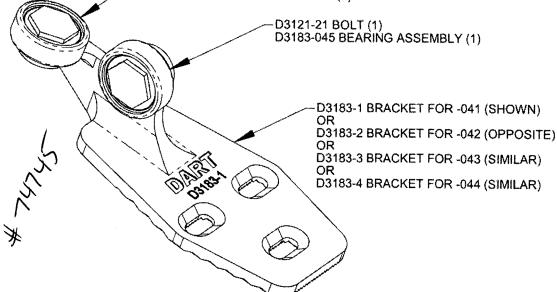
	DESIG	14	DRAWN BY	DART AEROSPACE L	
		"\	617	HAWKESBURY, ONTARIO, CAN	ADA .
	CHECK	ED.	APPROVED	DRAWING NO.	REV. C
		#	#	D3183	SHEET 1 OF 4
	DATE		•	TITLE	SCALE
••••		04.0)2.17	BRACKET ASSEMBLY	1:1
	Α	0	3.01.24	NEW ISSUE	
	R	0	3 06 17	PEMOVE PEADING: 4 042 MC 0 000	ı



DEO ATTACHED

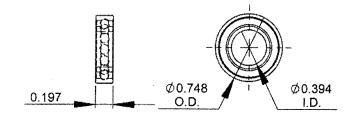
		04.02.17	BRACKET ASSEMBLY
	Α	03.01.24	NEW ISSUE
-	В	03.06.17	REMOVE BEARING; 1.012 WS 0.882
***************************************	C	,04.02.17	ADD -045/-9; 0.182 WAS 0.431
	Cı	-#77 04.11.09	0-830 WAS 0.850

D3121-21 BOLT (1) D3183-045 BEARING ASSEMBLY (1)



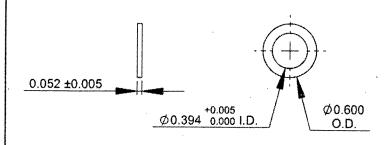
D3183-4 BRACKET FOR -044 (SIMILAR)

D3183-041 BRACKET ASSEMBLY (SHOWN) D3183-042 BRACKET ASSEMBLY (OPPOSITE) D3183-043 BRACKET ASSEMBLY (SIMILAR)



D3183-5 BEARING: SPECIFICATION CONTROL DRAWING

- 1) SINGLE ROW, DEEP GROOVE, CONRAD TYPE, SHIELDED
- 2) POSSIBLE SUPPLIER: NSK P/N 6800ZZ
- 3) ALL DIMENSIONS ARE IN INCHES



D3183-7 WASHER

- 1) MATERIAL: AISI 303 ROUND BAR (M303R) **ANNEALED**
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES

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